

Message Text

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TAGS: US,UR,TECH,TGEN,ENRG

SUBJECT: US-USSR ATOMIC ENERGY AGREEMENT (07.0302)
MAGNETIC MIRROR EXCHANGES

1. PLEASE DELIVER FOLLOWING MESSAGE TO E. P. VELIKHOV
(KURCHATOV) WITH COPIES TO G. A. ELISEEV AND
D. F. KHOKHLOVA.

DR. E. P. VELIKHOV
STATE COMMITTEE FOR THE UTILIZATION
--OF ATOMIC ENERGY
KURCHATOV INSTITUTE OF ATOMIC ENERGY
46 ULITSA KURCHATOVA
MOSCOW, USSR

DEAR EVGENIY:
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SUBJECT: MAGNETIC MIRROR EXCHANGES

FOR THE WORKSHOP ON Q-ENHANCEMENT IN MAGNETIC MIRROR
SYSTEMS (EXCHANGE NO. 8) WE WOULD LIKE TO EMPHASIZE
DISCUSSIONS OF TANDEM MIRROR EXPERIMENTS. THE U.S.
DELEGATION WILL CONSIST OF THE FOLLOWING FOUR PERSONS.

-----DAVID BALDWIN (LLL) BORN JUNE 12, 1926 AT
BRAYDENTON, FLORIDA

-----GRANT LOGAN (LLL) BORN [Sensitive Information Removed Per NARA 08 DEC 2014], AT
LAS CRUCES, NEW MEXICO

-----HANS FLEISCHMANN (CORNELL) BORN JUNE 2, 1933
AT MUNICH, GERMANY - WEST GERMAN CITIZEN

-----JAY KESNER (WISCONSIN) BORN [Sensitive Information Removed Per NARA 08 DEC 2014], AT
NEW YORK, NEW YORK

THE GROUP WOULD LIKE TO ARRIVE IN THE SOVIET UNION ON
MAY 27 AND STAY FOR APPROXIMATELY TWO WEEKS. THE FIRST
WEEK WOULD BE SPENT AT NOVOSIBIRSK AND THE SECOND WOULD
BE DEVOTED TO DISCUSSIONS AT KURCHATOV, KHARKOV AND
SUKHUMI. AS I MENTIONED IN OUR RECENT PHONE CONVERSATION,
BALDWIN, LOGAN AND POSSIBLY KESNER WILL FLY DIRECTLY
FROM JAPAN TO NOVOSIBIRSK, WHICH WILL MOST PROBABLY BE
VIA MOSCOW.

DURING THIS EXCHANGE, WHILE AT THE NOVOSIBIRSK WORKSHOP,
WE WOULD LIKE ESPECIALLY TO HAVE DISCUSSIONS WITH THE
FOLLOWING SOVIET SCIENTISTS.

-----DRS. A. K. NEKRASOV, V. A. CHUYANOV, M. S. IOFFE,
V. P. PASTUKHOV, AND A. V. TIMOFEEV FROM THE KURCHATOV
INSTITUTE AND DRS. V. I. VOLOSOV, G. I. DIMOV,
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D. D. RYUTOV, G. V. ROSLYAKOV AND A. A. IVANOV FROM
NOVOSIBIRSK.

WE ALSO DISCUSSED A SECOND PROPOSED EXCHANGE ON MAGNETIC
MIRRORS THAT WOULD FILL IN FOR ONE OF THE CONSOLIDATED
TOKAMAK EXCHANGES. THIS NEW EXCHANGE SHOULD FOLLOW THE
IAEA INNSBRUCK MEETING. FOUR KEY U.S. MAGNETIC MIRROR
PROGRAM LEADERS WOULD SPEND ABOUT ONE WEEK IN THE SOVIET
UNION TO OBTAIN AN UP-TO-DATE VIEW OF THE PRESENT SCOPE
AND STATUS AND FUTURE PLANS OF THE SOVIET MIRROR PROGRAM,
MEET THE LEADING INDIVIDUALS RESPONSIBLE FOR THIS WORK
AND EXPLORE POSSIBILITIES FOR FURTHER COOPERATION. THE
PROPOSED U.S. PARTICIPANTS WOULD BE W. ELLIS (DOE);
F. COENSGEN (LLL); R. AAMODT (SAI) AND R. LINFORD (LASL).
THE SITES OF INTEREST WOULD BE KURCHATOV, NOVOSIBIRSK,
KHARKOV AND, POSSIBLY, SUKHUMI. PLEASE LET US KNOW AS
SOON AS POSSIBLE IF THIS PROPOSAL IS ACCEPTABLE SO THAT
WE MAY BEGIN MORE DETAILED PLANNING.

BEST REGARDS,
EDWIN E. KINTNER, DIRECTOR

OFFICE OF FUSION ENERGY
VANCE

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